

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Michael P. Caren et al.

Serial No.: 09/302,999

Examiner: Ardin H. Marschel

Filing Date: 04/30/99

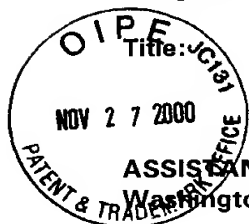
Group Art Unit: 1631

Title: POLYNUCLEOTIDE ARRAY FABRICATION

RECEIVED

DEC 04 2000

TECH CENTER 1600/2900



ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/Amendment () Petition to extend time to respond
() New fee as calculated below () Supplemental Declaration
() No additional fee (Address envelope to "Box Non-Fee Amendments")
(X) Other: Supplemental IDS, Form 1449 w/References (fee \$)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	47	MINUS	40	= 7	X \$18	\$ 126
INDEP. CLAIMS	5	MINUS	5	= 0	X \$80	\$ 0
[] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$270	\$ 0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$390.00	3RD MONTH \$890.00	4TH MONTH \$1390.00		\$ 110
	X					
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 236

Charge \$ 236 to Deposit Account 50-1078. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 50-1078 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit: Nov. 17, 2000

Typed Name: Elizabeth Miller

Signature: Elizabeth Miller

Respectfully submitted,

Michael P. Caren et al.

By Gordon Stewart

Gordon Stewart

Attorney/Agent for Applicant(s)

Reg. No. 30,528

Date: Nov. 17, 2000

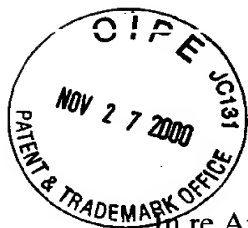
ORIGINAL of #8

CERTIFICATE OF MAILING

I hereby certify that this document is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on November 17, 2000.

Elizabeth Miller
Elizabeth. Miller

11/17/00
Date



ATTORNEY DOCKET NO. 10990105-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Michael P. Caren *et al.*

Group Art Unit: 1631

Serial No.: 09/302,898

Examiner Ardin H. Marschel

Filed: 04/30/99

Title: POLYNUCLEOTIDE ARRAY FABRICATION

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

RESPONSE

Please cancel claim 19 which was the non-elected claim following the Examiner's restriction requirement. Please amend claim 37 as indicated below. For the convenience of the Examiner, all of the claims (including those indicated as allowable if rewritten in independent form, and allowed claim 18) are reproduced below, although only claim 37 is being amended and new claims 41-48 are added:

1. A method of fabricating an array of polynucleotides on a substrate, comprising:
 - (a) operating a polynucleotide deposition system to deposit an array of polynucleotide containing fluid droplets on the substrate to provide, when dry, a target pattern of polynucleotide containing spots;
 - (b) allowing a sufficient time to pass such that droplets deposited by the system will have dried to yield an actual pattern of dried spots; and
 - (c) observing the actual pattern; and

11/29/2000 WKOROMA 00000059 501078 09302898

01 FC:103 126.00 CH

A